

Title (en)
COATED METAL PIPE HAVING BENDING CAPABILITY

Publication
EP 0271239 B1 19900613 (EN)

Application
EP 87310208 A 19871119

Priority
US 93484086 A 19861125

Abstract (en)
[origin: EP0271239A1] In a concrete-wrapped pipe having an inner water-impermeable resinous coating (11), the concrete wrapping is formed with a continuous inner portion (12a) covering the resinous coating and a helically slotted outer portion (12b), the helical slot extending at least to the depth of a mesh reinforcement (14) embedded in the concrete. The structure is characterized by the fact that the inner portion (12a) of the concrete wrapping (12) is formed with one or more helically extending zones (18) of reduced compressive strength, radially aligned with the helical slot or slots (13) in the outer portion (12b). The helical configuration breaks the continuity of the concrete wrapping in the longitudinal direction of the pipe and, even with pipe of relatively large diameter, enables the wrapping to accommodate limited bending of the pipe.

IPC 1-7
B28B 19/00; **B28B 21/48**; **F16L 57/00**; **F16L 58/16**

IPC 8 full level
B28B 19/00 (2006.01); **B28B 21/48** (2006.01); **F16L 57/00** (2006.01); **F16L 58/16** (2006.01)

CPC (source: EP US)
B28B 19/0038 (2013.01 - EP US); **B28B 21/48** (2013.01 - EP US); **F16L 57/00** (2013.01 - EP US); **F16L 58/16** (2013.01 - EP US)

Cited by
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EP 0271239 A1 19880615; **EP 0271239 B1 19900613**; AT E53647 T1 19900615; AU 595666 B2 19900405; AU 8162487 A 19880526; CA 1275617 C 19901030; DE 3763243 D1 19900719; US 4759390 A 19880726

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